



# Kazakhstan hybrid energy storage power station





## Overview

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National oil and gas company KazMunayGas (KMG) and Italian energy giant Eni are on track to complete their innovative 247 MW hybrid power plant in 2026, combining solar, wind, and gas power to create a stable and reliable energy source. Kazakhstan is taking a significant step forward in its energy transition with a pioneering hybrid power project in Zhanaozen. This milestone follows an Agreement signed between NC KazMunayGas JSC (KMG) and Eni S. On July 16, an inauguration ceremony for the future hybrid power plant took place in Zhanaozen. The company is involved in major renewable energy projects in the country, with the aim of improving energy storage for its customers. The plant will have a capacity of 120 MW and will be based on. As part of the implementation of the instructions of the President of the Republic of Kazakhstan, Kassym-Jomart Tokayev, delivered on 28 January 2025 at an expanded meeting of the Government, comprehensive efforts are underway to ensure the systemic development of the electric power sector and.



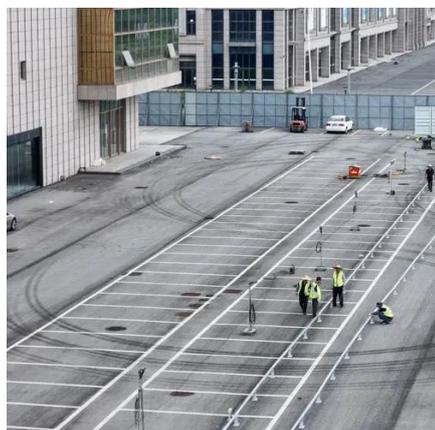
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### [Kazakhstan Power Generation Side Energy Storage: Key Solutions for](#)

Discover how energy storage systems are transforming Kazakhstan's power generation landscape while addressing renewable intermittency challenges.



### [Kazakhstan hybrid plant: Stunning 2026 Completion Set](#)

Kazakhstan's KMG and Eni to Complete Hybrid Plant with Solar Kazakhstan is taking a significant step forward in its energy transition with a pioneering hybrid power project in Zhanaozen. ...

### [Eni and KazMunayGas Begin Construction of 250 MW Hybrid Power ...](#)

Eni and the National Company KazMunayGas (KMG) have announced the start of construction for their collaborative 250 MW Hybrid Renewables-Gas Power Plant Project in Zhanaozen, Mangystau ...



### [Eni and KazMunayGas Announce Commencement of Construction for ...](#)

This milestone follows an Agreement signed between the two companies, marking the inception of Kazakhstan's first hybrid power plant integrating solar, wind, and gas power to produce ...



[Eni announces 250MW hybrid power plant in Kazakhstan](#)

Eni and KMG have started construction of a hybrid power plant in Kazakhstan.



[KMG, Eni begin construction of hybrid power plant in Zhanaozen](#)

"Such a hybrid project will be implemented in Kazakhstan for the first time. The hybrid power plant will ensure stable and reliable electricity supply to KMG's oil-producing companies and ...



**Samruk Energy, CWE to build Kazakhstan's first pumped storage power plant**

Kazakhstan's Samruk Energy announced on Monday the signing of a joint venture agreement with China International Water and Electric Corporation (CWE) to build the first pumped ...



[Implementation of the President's Instructions: New Generation ...](#)



As part of the implementation of the instructions of the President of the Republic of Kazakhstan, Kassym-Jomart Tokayev, delivered on 28 January 2025 at an expanded meeting of the ...



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Renewable energy development is accompanied by the deployment of energy storage systems. Large renewable projects include storage facilities with a total capacity exceeding 3 GWh, ...

### [QazaqGreen , News Kazakhstan , Hybrid Power Plant in Zhanaozen ...](#)

The project leverages Eni's international experience and represents an innovative hybrid combination of different technologies, contributing to the diversification and decarbonization of ...





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